

**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**

The drawing(s) filed (insert date) 3/23/01 are:

- A. ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable.  
categories of drawings: Black ink or  
Color (3 sets required).

☐ Color drawings are not acceptable until petition is  
granted. Fig(s) \_\_\_\_\_  
☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)  
☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_  
☐ Photographs may not be mounted. 37 CFR 1.84(e)  
☐ Photographs must meet paper size requirements of  
37 CFR 1.84(f): Fig(s) \_\_\_\_\_  
☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(c)  
☐ Paper not flexible, strong, white, and durable.  
Fig(s) \_\_\_\_\_  
☐ Erasures, alterations, overwritings, interlineations,  
folds, copy machine marks not accepted.  
Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable  
sizes:

☐ 21.0 cm by 29.7 cm (DIN size A4) or  
☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
☐ All drawing sheets not the same size.  
Sheet(s) \_\_\_\_\_  
☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:  
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
☐ Margins not acceptable. Fig(s) \_\_\_\_\_

☐ Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_  
☐ Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_

**6. VIEWS.** 37 CFR 1.84(h)  
REMINDER: Specification may require revision to  
correspond to drawing changes, e.g., if Fig. 1 is  
changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the  
specification, at the Brief Description of the Drawings,  
must likewise be changed.

☐ Views not labeled separately or properly.  
Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with  
Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)  
☐ Words do not appear on a horizontal, left-to-right  
fashion when page is either upright or turned so  
that the top becomes the right side, except for  
graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)  
☐ Scale not large enough to show mechanism  
without crowding when drawing is reduced in  
size to two-thirds in reproduction.  
Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, &  
LETTERS.** 37 CFR 1.84(l)  
☐ Lines, numbers & letters not uniformly thick and  
well defined, clean, durable, and black (poor line  
quality). Fig(s) \_\_\_\_\_

**11. SHADING.** 37 CFR 1.84(m):  
☐ Solid black areas pale. Fig(s) \_\_\_\_\_  
☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE  
CHARACTERS.** 37 CFR 1.84(p)  
☐ Numbers and reference characters not plain and  
legible. Fig(s) \_\_\_\_\_

☐ Figure legends are poor. Fig(s) \_\_\_\_\_  
☐ Numbers and reference characters not oriented in  
the same direction as the view. 37 CFR 1.84(p)(1)  
Fig(s) \_\_\_\_\_

☐ English alphabet not used: 37 CFR 1.84(p)(2)  
Fig(s) \_\_\_\_\_

☐ Numbers, letters and reference characters must be  
at least 32 cm (1/8 inch) in height. 37 CFR  
1.84(p)(3). Fig(s) \_\_\_\_\_

**13. LEAD LINES.** 37 CFR 1.84(q)  
☐ Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.**  
37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic  
numbers beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)  
☐ Views not numbered consecutively, and in Arabic  
numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS.** 37 CFR 1.152  
☐ Surface shading shown not appropriate.  
Fig(s) \_\_\_\_\_  
☐ Solid black surface shading is not permitted except  
when used to represent the color black as well as  
color contrast. Fig(s) \_\_\_\_\_

**COMMENTS:**

*As per specs (3/23/01), All figs (1-17) must  
contain reference data —*

Reviewer W/K

If you have questions, call (703) 305-8404.

Date 12/8/04

Attachment to Paper No. \_\_\_\_\_